

**What Is Claimed Is:**

1. A method of transmitting emergency stop control information on a common packet channel (CPCH) in a radio mobile communication system, which transmits packet data to a network through an uplink (UL) CPCH allocated for a user equipment (UE), the method comprising:

a first step of transmitting a predetermined bit pattern to a user equipment after inserting said predetermined bit pattern into a downlink (DL) dedicated physical channel (DPCH) by a universal mobile terrestrial radio access network (UTRAN); by a

a second step of recognizing the predetermined bit pattern by the UE; and

a third step of controlling data transmission through the UL CPCH by the UE.

2. The method of claim 1, wherein the predetermined bit pattern is transmitted per slot throughout entire radio frames of the DL DPCH in the first step.

3. The method of claim 1, wherein a first bit stream is transmitted through data channel (DPDCH) of the DL DPCH in the first step.

4. The method of claim 1, wherein the bit stream of a normal pattern is transmitted to the DPDCH of the DL DPCH, and then a second bit stream other than the bit stream of a normal pattern is transmitted to the DPDCH in the first step.

5. The method of claim 3, wherein the UTRAN inserts and transmits a transmission power lowering command to the DPCCH of the DL DPCH when inserting and transmitting a predetermined bit pattern to the DPDCH of the DL DPCH in the first step.

6. The method of claim 1, wherein the UTRAN inserts a predetermined bit pattern to a pilot field constituting the DPCCH of the DL DPCH, and transmits the same to the UE when inserting and transmitting the predetermined bit pattern in the first step.

7. The method of claim 6, wherein the particular bit pattern inserted to the pilot field differs from a pilot bit pattern transmitted under a normal state of currently transmitting a packet through the DL CPCH.

8. The method of claim 7, wherein the particular bit pattern is an inverse code of the pilot bit pattern transmitted under the normal state in the first step.

9. The method of claim 7, wherein the particular bit pattern is transmitted by inverting a half of the bit stream inserted to the pilot field transmitted under the normal

state.

10. The method of claim 10, wherein the UTRAN inserts the particular bit pattern to a transmission power control (TPC) field constituting the DPCCH of the DL DPCH, and transmits the same to the UE when the particular control information is transmitted to the UE in the first step.

11. The method of claim 10, wherein the pilot bit pattern different from the ordinary pilot bit pattern is inserted to the pilot field of the DPCCH of the DL DPCH when the particular bit pattern is inserted to the TPC field.

12. The method of claim 11, wherein the pilot bit transmitted through the DPDCH of the DL DPCH and the DPCCH of the DL DPCH is either perpendicular to or has a different code from the predetermined pilot bit pattern inserted under a normal state.

13. The method of claim 10, wherein the predetermined bit pattern inserted to the TPC field is perpendicular to the bit pattern transmitted through the DPCCH of the DL DPCH.

14. The method of claim 13, wherein the bit pattern transmitted through the DPDCH of the DL DPCH is either perpendicular to or has a different code from the TPC bit pattern or the pilot bit pattern transmitted through the DPCCH of the DL DPCH under a normal state or when transmitting the predetermined control information.

15. The method of claim 14, wherein the transmission of the control information on the CPCH is applicable to the case of transmitting a transport format combination identifier (TFCI) bit through the DPCCH of the DL DPCH.

16. The method of claim 13, wherein the transmission of the control information on the CPCH is applicable to the case of not transmitting a TFCI bit through the DPCCH of the DL DPCH.

17. A method of transmitting an emergency stop control information on a CPCH in a radio mobile communication system, the method comprising the steps of: transmitting a corresponding packet through an UL CPCH allocated to a UE; inserting a predetermined bit pattern to a DL DPCH, and transmitting the same to the UE by a UTRAN when transmitting a CPCH to command interruption of the packet transmission to the UE; and

confirming the transmitted predetermined bit pattern, and interrupting the packet

transmission through the CPCH by the UE.

18. The method of claim 17, wherein the predetermined bit pattern is transmitted per slot throughout the entire radio frames of the DL DPCH.

19. The method of claim 17, wherein the predetermined bit pattern is  
5 transmitted to the DPDCH of the DL DPCH.

20. The method of claim 17, wherein the predetermined bit pattern is inserted to a pilot field constituting the DPCCH of the DL DPCH, and transmitted to the UE by the UTRAN.

21. The method of claim 17, wherein the predetermined bit pattern is inserted  
10 to a TPC constituting a DPCCH of the DL DPCH, and transmitted to the UE by the UTRAN when the predetermined control information is transmitted to the UE.

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